



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/603,359	06/25/2003	Kalle Kangas	KOLS.037PA	2557
7590 Hollingsworth & Funk, LLC Suite 125 8009 34th Avenue South Minneapolis, MN 55425			EXAMINER HO, HUY C	
			ART UNIT	PAPER NUMBER
			2617	
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		03/30/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/603,359	Applicant(s) KANGAS ET AL.	
	Examiner Huy C. Ho	Art Unit 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 June 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-38 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. **Claims 1-38** are rejected under 35 U.S.C. 102(e) as being anticipate by **Smiga et al.**
(2002/0019825).

Consider claim 1, Smiga teaches a method for classifying information in a portable data processor, comprising:

processing information based on commands obtained from a user interface in the portable data processor (**fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262]**);

associating information multi-dimensionally into at least two different categories according information type and at least one other criterion (**fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262]**);

presenting the associations in the user interface and carrying out processing related to the associations based on the commands obtained from the user interface (**fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262]**);

storing the associations for subsequent use (**fig 1, pars [1]-[4], [10], [31], [33]-[35], [261]-[262]**).

Consider claim 20, Smiga teaches a portable data processor (par [33]), comprising:

- a processing unit for processing information (fig 1, pars [31]),
- a user interface connected to the processing unit for presenting the information to a user of the portable data processor and for providing commands in order to process information (figure 1, pars [31]-[36]),
- a memory connected to the processing unit for storing information (figure 1, pars [31]-[36]),
- and the processing unit is configured to:
 - associate information multi-dimensionally into at least two different categories according to information type and at least one other criterion (fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262], [280]),
 - present the associations in the user interface and carry out the processing related to the associations based on the commands obtained from the user interface (fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262], 280),
 - and store the associations in the memory for subsequent use ([31]-[32], [34], [194], [196], [200]).

Consider claim 2, A method as claimed in claim 1, wherein processing and association are carried out in parallel or in turn ([229], [232], [280]).

Consider claim 3, A method as claimed in claim 1, wherein the processing related to the associations comprises at least one of the following: accepting an association, rejecting an association, changing an association (pars [120], [269], [274], [280]).

Consider claim 4, A method as claimed in claim 1, wherein in connection with the processing related to associations, processing related to categories is also carried out (fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262]).

Consider claim 5, A method as claimed in claim 4, wherein the processing related to categories

comprises at least one of the following: deleting a category, changing the properties of a category, creating a new category and associating information into the created category (pars [120], [208], [212], [233]).

Consider claim 6, A method as claimed in **claim 1**, wherein the criteria comprise at least one of the following: title of information, contents of information, context information associated with information, location information associated with information, links associated with information, meta data of information, caller group division of a subscriber terminal in a radio system (**figure 15**, pars [194]).

Consider claim 7, A method as claimed in **claim 1**, wherein the information comprises at least one of the following: a file, an e-mail message, a web site, a text message, a multimedia message, calendar data, task data, a data group presented using alphabetic and/or numeric characters signs, or binary data (pars [34], [80], [110], [213], [288]).

Consider claim 8, A method as claimed in **claim 1**, wherein the method further comprises: the portable data processor reminds the user in the user interface about the stored association([260]).

Consider claim 9, A method as claimed in **claim 8**, wherein the method further comprises: the portable data processor determines the state of a subscriber terminal in a radio system, and carries out a reminder in the user interface if it suits the determined state ([224], [258], [260]).

Consider claim 10, A method as claimed in **claim 1**, wherein the method further comprises: the portable data processor senses the operational environment thereof and carries out a reminder in the user interface concerning the stored association associated with the sensed operational environment (par [194]).

Consider claim 11, A method as claimed in **claim 1**, wherein the method further comprises: the portable data processor determines the current instant of time, and carries out a reminder in the user interface concerning the stored association associated with the determined instant of time (pars [1]-[2],

[10], [34]-[35], [55], [83]).

Consider claim 12, A method as claimed in **claim 1**, wherein the method further comprises: the portable data processor determines the context information associated with the location of the subscriber terminal in the radio system, and carries out the reminder in the user interface concerning the stored association associated with the determined location (**pars [83], [194]**).

Consider claim 13, A method as claimed in **claim 1**, wherein the method further comprises: the portable data processor determines the state of the subscriber terminal in the radio system, and carries out the reminder in the user interface concerning the stored association associated with the determined state (**[224], [258], [260]**).

Consider claim 14, A method as claimed in **claim 1**, wherein the information is a file, and the association is carried out when opening, storing or closing the file (**figures 25A, B, pars [69], [196], [198], [292]**).

Consider claim 15, A method as claimed in **claim 1**, wherein the information is a file, and the presentation is carried out when storing or closing the file (**figures 25A, B, pars [69], [196], [198], [292]**).

Consider claim 16, A method as claimed in **claim 1**, wherein the information is an e-mail message, and the association is carried out when opening the e-mail message for reading (**pars [35], [45], [197]**).

Consider claim 17, A method as claimed in **claim 1**, wherein the information is an e-mail message, and the presentation is carried out when closing the e-mail message or when moving to the following e-mail message (**pars [198], [228]-[229]**).

Consider claim 18, A method as claimed in **claim 1**, wherein the information is a web site, and the association is carried out when browsing on the web site (**[266]**).

Consider claim 19, A method as claimed in **claim 1**, wherein the information is a web site, and

the presentation is carried out when exiting the web site, or when closing the browser used for browsing the web site, or later when the process is offline ([266]).

Consider claim 21, Portable data processor as claimed in **claim 20**, wherein the processing unit is configured to carry out processing and association in parallel or in turn (pars [229], [232], [280]).

Consider claim 22, Portable data processor as claimed in **claim 20**, wherein the processing related to associations comprises at least one of the following: accepting an association, rejecting an association, changing an association (pars [112]-[123], [269], [274], [280]).

Consider claim 23, Portable data processor as claimed in **claim 20**, wherein the processing unit is configured in connection with the processing related to associations also to carry out processing related to categories (pars [31], [34]-[35], [37]-[38]).

Consider claim 24, Portable data processor as claimed in **claim 23**, wherein the processing related to categories comprises at least one of the following: deleting a category, changing the properties of a category, creating a new category and associating information into the created category (pars [121], [233], [240], [271], [276], [280]).

Consider claim 25, Portable data processor as claimed in **claim 20**, wherein the criteria comprises at least one of the following: title of information, contents of information, context information associated with information, location information associated with information, links associated with information, meta data of information, caller group division of a subscriber terminal in a radio system (pars [245], [288], [304]).

Consider claim 26, Portable data processor as claimed in **claim 20**, wherein the information comprises at least one of the following: a file, an e-mail message, a web site, a multi-media message, calendar data, task data, another set of data presented using alphabetic and/or numeric characters, or binary data (the abstract, par [31]).

Consider claim 27, Portable data processor as claimed in **claim 20**, wherein the processing unit

is configured to remind the user in the user interface about the association stored in the memory (par [260]).

Consider claim 28, Portable data processor as claimed in **claim 27**, wherein the processing unit is configured to determine the state of the subscriber terminal in the radio system, and to perform the reminder in the user interface, if it suits the determined state ([260]).

Consider claim 29, Portable data processor as claimed in **claim 20**, wherein the processing unit is configured to sense the operational environment of the data processor, and to perform the reminder in the user interface concerning the association stored in the memory associated with the sensed operational environment ([194]).

Consider claim 30, Portable data processor as claimed in **claim 20**, wherein the processing unit is configured to determine the present instant of time and to perform the reminder in the user interface concerning the association stored in the memory associated with the determined instant of time ([79],[81], [83], [260]).

Consider claim 31, Portable data processor as claimed in **claim 20**, wherein the processing unit is configured to determine the context information associated with the location of the subscriber terminal, and to perform the reminder in the user interface concerning the association stored in the memory associated with the determined location ([83]).

Consider claim 32, Portable data processor as claimed in **claim 20**, wherein the processing unit is configured to determine the state of the subscriber terminal in the radio system, and to perform the reminder in the user interface concerning the association stored in the memory associated with the determined state .

Consider claim 33, a portable data processor as claimed in **claim 20**, wherein the information is a file and the processing unit is configured to carry out the association when opening, storing or closing the file (figures 25A, B, pars [69], [196], [198], [292]).

Consider claim 34, Portable data processor as claimed in claim 20, wherein the information is a file and the processing unit is configured to carry out the presentation when storing or closing the file (figures 25A, B, pars [69], [196], [198], [292]).

Consider claim 35, Portable data processor as claimed in claim 20, wherein the information is an e-mail message and the processing unit is configured to carry out the association when opening the e-mail message for reading (pars [35], [45], [197]).

Consider claim 36, Portable data processor as claimed in claim 20, wherein the information is an e-mail message and the processing unit is configured to carry out the presentation when closing the e-mail message or when moving to the following e-mail message (pars [198], [228]-[229]).

Consider claim 37, Portable data processor as claimed in claim 20, wherein the information is a web site and the processing unit is configured to carry out the association when browsing on a web site (([266])).

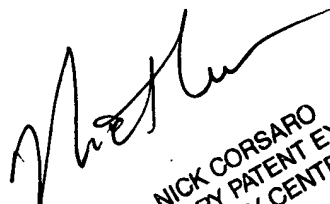
Consider claim 38, Portable data processor as claimed in claim 20, wherein the information is a web site and the processing unit is configured to carry out the presentation when exiting the web site or when closing the browser used for browsing or later when the data transmission connection of the portable data processor is offline ([266]).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huy C. Ho whose telephone number is (571) 270-1108. The examiner can normally be reached on Monday - Friday, 8:00 a.m. - 5:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571) 272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


NICK CORSARO
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600